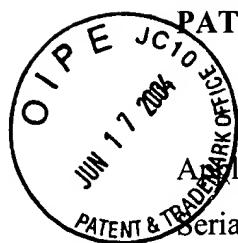


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PATENT

13424US/12068



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Stemmler      Examiner: Gabel, Gailene  
Serial No.: 09/492,214      Group Art Unit: 1641  
Filed: January 27, 2000  
For: Quantitative Determination of Analytes in Heterogeneous Systems  
Customer No.:

**23719**

PATENT TRADEMARK OFFICE

Kalow & Springut LLP  
488 Madison Avenue, 19th Floor  
New York, New York 10022

June 15, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicants submit herewith the following disclosure in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98.

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**Certificate of Mailing Under 37 C.F.R. 1.8**

I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Jillia Gonzales  
(Signature)  
Jillia Gonzales  
(Printed Name of Person Signing Certificate)  
June 15, 2004  
(Date)

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Applicant: Stemmler  
Serial No.: 09/492214  
Filed: 1/27/00  
Information Disclosure Statement – Page 2

**I. U.S. PATENT DOCUMENTS**

<b><u>Patent No.</u></b>	<b><u>Date Issued</u></b>	<b><u>Title</u></b>
4,680,275 to Wagner et al.	July 1, 1987	Homogeneous Fluorescence Immunoassay using a Light Absorbing Material
4,977,077 to Ngo et al.	Dec. 11, 1990	Integrated Solid-Phase Immunoassay
6,312,906 to Cass et al	Nov. 6, 2001	Immobilized Nucleic Acid Hybridization Reagent and Method

**II. FOREIGN PATENT DOCUMENTS**

<b><u>Publication No.</u></b>	<b><u>Country</u></b>	<b><u>Publication Date</u></b>
WO 88/07202	WIPO	September 22, 1988
EP 0 779 254 A1	EP	June 18, 1997

**III. NON PATENT PUBLICATIONS**

Hellen, H. et al. "Fluorescence emission at dielectric and metal-film interfaces" Optical Society of America (Optical Physics), Vol.. 4, No. 3, March 1987, pages 337-350.

Blair, S., et al. "Resonant-enhanced evanescent-wave fluorescence biosensing with Cylindrical optical cavities", Applied Optics, Optical Society of America, Washington, US, Vol. 40, No. 4 February 1, 2001, pages. 570-582.

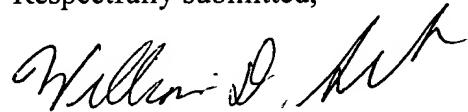
Applicant: Stemmler  
Serial No.: 09/492214  
Filed: 1/27/00  
Information Disclosure Statement – Page 3

The items listed above are identified on the accompanying Form PTO 1449. A copy of each of the items identified above is also submitted with this statement.

Applicants take no position on whether any of the items cited above and listed on the accompanying Form PTO 1449 constitute prior art against the subject application under any particular provision of Title 35 of the United States Code.

A check in the amount of **\$180.00** is enclosed to cover the fee. If any additional fees are due or any overpayment has been made, please charge our Deposit Account no. 11-0171 or credit or Deposit account for such sum.

Respectfully submitted,



William D. Schmidt  
Registration No.: 39,492  
Attorney for Applicant

Kalow & Springut LLP  
(212) 813-1600

282381



FORM 1615/SB/08 [modified] <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use several sheets if necessary)</i>	Docket No.: 13424	Application No.: 09/492,21
	Applicants: Stemmler	
	Filing Date: January 27, 2000	Group Art Unit: 1641

#### U.S PATENT DOCUMENTS

EXAMINER INITIAL	CITE NO <sup>1</sup>	PUBLICATION NUMBER Number- Kind Code <sup>2</sup> ( <i>if known</i> )	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
		4,680,275	July 1, 1987	Becton, Dickinson and Co.
		4,977,077	Dec. 11, 1990	Bioprobe International
		6,312,906 B1	Nov. 6, 2001	Imperial College Innovations, Ltd., and Gene Logic, Inc.

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	CITE NO <sup>1</sup>	PUBLICATION NUMBER Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
		WO 88/07202	09-22-1998	Aresserono Research & Development Limited Partnership
		EP 0 779 254 A1	06-18-1997	Japan Science and Technology Corporation and Qiu, Jianorong

#### OTHER DOCUMENTS

*(including Author, Title, Date, Pertinent Pages, Etc.)*

	Hellen, H. et al. "Fluorescence emission at dielectric and metal-film interfaces" Optical Society of America (Optical Physics), Vol.. 4, No. 3, March 1987, pages 337-350.
	Blair, S., et al. "Resonant-enhanced evanescent-wave fluorescence biosensing with Cylindrical optical cavities", Applied Optics, Optical Society of Americaa, Washington, US, Vol. 40, No. 4 February 1, 2001, pages. 570-582.

EXAMINER:	DATE CONSIDERED:
<small>           1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="http://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.            Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.            *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.         </small>	